



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO039878

Supplier: KLX001-VU
KLX Inc.
88289 Expedite Way
Chicago, IL 60695-0001 USA
Phone: 305-925-2600
Fax: 305-507-7191

Attention: Pilon, Lucie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO039878

PO Date: 5/11/18

Due Date: 5/16/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

Via: Fedex Economy

Pymt Terms: COD

Freight Terms: Collect

Special Comments: quote 1Y9N5L

E-MAILED
MAY 11 2018

Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	AN6-14A		Machine Bolt 3/8-24 X 1.58 - Steel receive ea	Firmed	5/16/18	10 Ea	0 Ea 10x	10 Ea	\$1.50/Ea	\$15.00
2	AN6-24A		Hex Bolt 3/8-24 X 2 1/2" receive ea	Firmed	5/16/18	10 Ea	0 Ea 10x	10 Ea	\$1.50/Ea	\$15.00
3	AN7-24A		Bolt receive ea	Firmed	5/16/18	10 Ea	0 Ea 10x	10 Ea	\$2.17/Ea	\$21.70
4	MS21075L5		Nut Plate receive ea	Firmed	5/16/18	300 Ea	0 Ea 300x	300 Ea	\$1.45/Ea	\$435.00
5	MS27039-1-13		Screw receive ea	Firmed	5/16/18	200 Ea	0 Ea 200x	200 Ea	\$0.09/Ea	\$18.00
6	MS27039-1-10		Screw receive ea	Firmed	5/16/18	300 Ea	0 Ea 300x	300 Ea	\$0.1167/Ea	\$35.01
Grand Total:										\$539.71

Order Notes

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A032 PUBLIC LAW 101-592 FASTENER QUALITY ACT
A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 5/11/18 12:00 PM dart.lavoie.chantal



Tel: +1.305.925.2600 • Fax: +1.305.507.7191 • www.KLXaerospace.com
Remit to Address: 88289 Expedite Way, Chicago, IL 60695-0001
Wire Instructions: KLX Inc. • JPMorgan Chase Bank New York
ABA: 021000021 • Account: 304639273 • SWIFT: CHASUS33 • CHIP UID: 0002

INVOICE NUMBER

JK4757

PAGE 1 OF 5

SOLD TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7



SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

ORDER NO.		DATE	SHIP VIA	TERMS		SHIPPING TERMS	
PO039878		05/11/18	FEDX INTL P1 COLL	NET 30		FCA-SELLER'S WH	
ITEM NO.	QUANTITY ORDERED	PART NUMBER AND DESCRIPTION	PRICE	UNIT	BACK ORDER	SHIPPED	AMOUNT
1	10	AN6-14A TARIFF: 7318.15.2095 SCHEDULE B: 7318.15.2000 Description BOLT Long Description BOLT, MACHINE, AIRCRAFT ECCN :EAR99 MFR: LFC INDUSTRIES CTRL#: 2018B30746 LOT#: 57914 LOT QTY: 10 Country of Origin USA	1.500	EA	0	10	15.00
2	10	AN6-24A TARIFF: 7318.15.2095 SCHEDULE B: 7318.15.2000 Description BOLT Long Description BOLT, MACHINE, AIRCRAFT ECCN :EAR99 MFR: MAC FASTENERS CTRL#: 2018B03655 LOT#: 89039 LOT QTY: 10 Country of Origin USA	1.500	EA	0	10	15.00
3	10	AN7-24A TARIFF: 7318.15.2095 SCHEDULE B: 7318.15.2000 Description BOLT ECCN :EAR99 MFR: LFC INDUSTRIES CTRL#: 2017K15397 LOT#: 57864	2.170	EA	0	10	21.70
MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY KLX INC.							

ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE.

SHIPPED FROM: 10000 N W 15TH TERRACE, MIAMI, FL 33172

MATERIAL CERTIFICATION: KLX INC. ("KLX AEROSPACE SOLUTIONS") WARRANTS THAT THE ITEMS SUBJECT OF THIS INVOICE WILL BE FREE FROM DEFECTS OF MATERIAL AND WORKMANSHIP AND, AS SET FORTH ON THE MATERIAL CERTIFICATION FORM ACCOMPANYING THE ITEMS SUBJECT OF THIS INVOICE, ARE IN CONFORMITY WITH ALL CURRENT GOVERNMENTAL REQUIREMENTS AND THE SPECIFICATIONS OF THE RESPECTIVE MANUFACTURERS. KLX AEROSPACE SOLUTIONS DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE. THE LIABILITY OF KLX AEROSPACE SOLUTIONS IS EXPRESSLY LIMITED EXCLUSIVELY TO REPLACEMENT BECAUSE OF A DEFECT IN MATERIAL OR WORKMANSHIP SUCH REPLACEMENT SHALL OF ANY ITEM WHICH IS REJECTED CONSTITUTE SATISFACTION OF ALL LIABILITY KLX AEROSPACE SOLUTIONS MAY HAVE IN CONNECTION WITH SUCH ITEM, WHETHER LIABILITY IS BASED UPON CONTRACT RIGHTS, NEGLIGENCE, OR OTHERWISE, AND IN NO EVENT SHALL KLX AEROSPACE SOLUTIONS BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES. FURTHER, KLX AEROSPACE SOLUTIONS MUST BE NOTIFIED OF A REJECTION OF AN ITEM WITHIN 30 DAYS AFTER RECEIPT BY THE CUSTOMER.



PACKING SLIP

Vice President of Quality

BY RECEIVING DELIVERY OF THE ITEMS COVERED BY THIS PACKING SLIP, BUYER AGREES TO THE TERMS AND CONDITIONS OF SALE AT:
<http://www.KLXaerospace.com/conditions-sale/>





FROM:
BILD INDUSTRIES, INC. 800 CLEARWATER LOOP
POST FALLS, ID 83854

0085L56 563713



FROM:
BILD INDUSTRIES, INC. 800 CLEARWATER LOOP
POST FALLS, ID 83854

0085L56 563713



FROM:
BILD INDUSTRIES, INC. 800 CLEARWATER LOOP
POST FALLS, ID 83854

0085L56 5637

KLX INC.
9835 NW 14TH ST.
MIAMI, FL 33172

KLX INC.
9835 NW 14TH ST.
MIAMI, FL 33172

KLX INC.
9835 NW 14TH ST.
MIAMI, FL 33172

CUSTOMER BILL TO ADDRESS

KLX INC.
10000 NW 15TH TERRACE
MIAMI FL 33172

COMPLETE CUSTOMER PO NO.

0085L56

BILL TO NO.

SHIP TO NO.

KLX001

PAGE

1

BUYER NAME & PHONE NO.

PHILIP

PACKING SLIP

INSPECT IMMEDIATELY

LINE	QTY ORDERED	QTY SHIPPED	PART / LOT NUMBER	CUSTOMER P.O. NO.	DESCRIPTION
1	2000	2000	AN6-24A 90946/89039=1600 94062/26768=400	0085L56	BOLT
2	1	1	S/C FULL CERTS	0085L56	CERTIFICATION

Thank
you
for
your
order

CERTIFICATION OF CONFORMANCE

WE HEREBY CERTIFY THAT THE MERCHANDISE INCLUDED ON THIS PACKING LIST IS IN CONFORMANCE WITH AN-MS-NAS OR APPLICABLE SPECIFICATIONS AND OR DRAWINGS.

CAGE CODE 31222

QUALITY CONTROL MANAGER

DATE

JAN 29 2018

DATE SHIPPED

SHIPPED VIA

SIGNATURE - MERCHANDISE RECEIVED

X

MAC FASTENERS, INC.
1110 ENTERPRISE
OTTAWA, KANSAS 66067

**CERTIFICATE OF CONFORMANCE
AND
MANUFACTURER'S AFFIDAVIT**

CUSTOMER BILD INDUSTRIES

PO: 90946

PART NUMBER: AN6-24A

REV: 3

LOT NUMBER: 89039

MANUFACTURED QUANTITY: 8,000

MILL HEAT NUMBER: MM16103779

COUNTRY OF ORIGIN: UNITED STATES OF AMERICA

DFARS 252.225.7009 Compliant

MERCURY FREE CERTIFICATION

MacFasteners certifies that the parts referenced in the above lot number do not contain Mercury or Mercury compounds, and were manufactured in a Mercury free environment.

We certify that the parts furnished against the above referenced purchase order were manufactured by MAC FASTENERS within the United States, and were processed in accordance with all applicable drawings and specifications. Objective evidence of compliance is on file, subject to examination upon request.

Mac Fasteners is a DISC QSLM approved Manufacturer - CAGE Code 0RFT4
Mac Fasteners is an Airbus approved Supplier - 203399

DATE: 03/31/17


QUALITY ASSURANCE REPRESENTATIVE

LFC IndustriesA Division of RKR Technologies, LTD
Manufacturer of Precision Aerospace Fasteners1221 Corporate Dr. W
PO Box 5982
Arlington, Texas 76006

817-640-1322

www.lfc-ind.com

LFC Industries CAGE Code: 62384

**Customer Packing List**

Customer Order #	57914
Shipping Report #	S-1018185
Print Date	2/23/2018
Page	1 of 1

Sold To	KLX AEROSPACE 10000 NW 15TH TERRACE MIAMI, FL 33172-2756	Ship To	KLX AEROSPACE 9835 N.W. 14TH ST. MIAMI, FL 33172		
Ship Via	Fedex FRT	Shipping Payment	Pre-Paid <input type="checkbox"/> Collect <input checked="" type="checkbox"/>	FOB Point	ARLINGTON
Account No					

Order Date	Pack Date	Ship Date	Shipment Status	Price	U/M	Total Price	Add Cost	Other Fees	Shipping Clerk
6/21/2017	2/23/2018	2-23-18	<input type="checkbox"/> P <input checked="" type="checkbox"/> C						Richard W.

Purchase Order Number	006KX66	Quantity Shipped	10000
Item Number	1	Number of Containers	23
Part Number	AN6-14A	Lbs per "M"	63.1125
Lot Number	57914	Gross Weight	655.09
Part Revision	3	Pcs used to establish weight	20
Order Quantity	10000	Tare Weight	24.15
Date Due	3/5/2018	Net Weight	630.94
Not Before	3/5/2018	Shipping Tolerance	+0/-5%
		Backorder Quantity	0

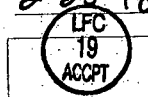
Special Quality Statements applicable to this order

DFAR 252-225-7009

Country of Origin: USA

ECCN: EAR99, Schedule B # 7318.15.2000

KLX Aerospace Solutions Self Release:

Signature: Alyssa Guillen
Date: 2-23-18
Stamp: 
Impression:

Product Certification Requirements for this order	Notes
Process Certs	
CUSTOMER CERT PACKAGE	

Consignee Signature: _____

Date Signed: _____

"Certificate of Conformance"

The materials, processes and parts furnished were produced in accordance with all applicable drawing and specification requirements. Test reports indicating conformance are on file and are subject to examination. Our Quality Assurance system is registered and certified to AS9100. Return of product stated on this packing slip will not be accepted without prior authorization.

Authorized Signature: Alyssa Guillen Title: DATA ENTRY SPECIALIST Signed Date: 2-23-18

HPI Stock Receipt Label

Warehouse	: 01
PO Number	: 001!H00184512!1
HPI Lot #	: 01201500278180
QTY Recd	: 104590
MFR Cage	: ORFT4
Part	: MS27039-1-13
Revision	: 4
MFR Lot	: 76826
TR Pages	:
Certs	: AERMYF
AVG Pc Wt	: .197423
Disc Code	:
Disc Desc	:
Bin Loc	: TRANS1
ESDN code	:

Warehouse : 01

PO Number : 001!H00184512!1

HPI Lot # : 01201500278180

QTY Recd :

MFR Cage : ORFT4

Part : MS27039-1-13

Revision :

MFR Lot : 76826

TR Pages :

Certs : AER

AVG P_c W_t :

Disc Code :

Disc Desc ;

Scale#

Date

Inspector

Qty.Rec

Certs

T/R

APW

Cont.Qty

Sample Qty

Overs/Short

Cure Date

Silver

Discrepancy

Discrepancy Threshold Qty : n/a

Qty

Who

[illegible]

As of 01/02/15 09:27:54

25 boxes

01201500278180
MS27039-1-13



MAC FASTENERS, INC.
1110 EAST ENTERPRISE
OTTAWA, KS 66067

CHEMICAL & PHYSICAL TEST REPORT

CUSTOMER HERNDON PRODUCTS				PO NUMBER H00184512		MFG QUANTITY 120,000		DATE 12/23/14					
PART NUMBER MS27039-1-13				REV 4	LOT NO 76826		PROCUREMENT SPEC NASM7839						
MATERIAL TYPE 8740				MATERIAL SPECIFICATION MIL-S-6049/AMS6322				MILL HEAT NUMBER 8195830		SUPPLIER JOHNSTOWN			
C .41	Si .25	Mn .92	P .010	S .012	Cu .06	Ni .42	Cr .50	Mo .22	V .002	B	Fe	Al .029	Ti
	Co	N .0080	BI	Pb	Mg	Zn		Nb	Sn .003			Other	

MECHANICAL TEST RESULTS - TESTING PER NASM1312

TENSILE TENSILE STRENGTH POUNDS	
3,310	3,390
3,320	3,360
3,430	3,410
3,320	3,370
3,430	3,310
3,400	
3,380	
3,410	
REQ.	2,500

DOUBLE SHEAR STRENGTH POUNDS / PSI	
5,230	5,210
5,210	5,200
5,210	5,200
5,230	5,230
5,200	5,210
5,220	
5,220	
5,230	
MIN. REQ.	4,250

HARDNESS	
ROCKWELL "C" SCALE	
REQ.	26 - 32 HRC
SAMPLE SIZE	13
ACTUAL RESULTS	
26 - 29 HRC	

NDT/ ADDITIONAL TESTS	
Magnetic Particle Inspection per ASTM E1444	<input type="checkbox"/>
Liquid Penetrant Inspection per ASTM E1417	<input type="checkbox"/>
Head Marking	<input checked="" type="checkbox"/>
Fatigue Strength	<input type="checkbox"/>
Stress Durability Test NASM1312/5	<input type="checkbox"/>
Stress Rupture Test	<input type="checkbox"/>
Magnetic Permeability ASTM A342 Less than 2.0	<input type="checkbox"/>

METALLURGICAL EXAMINATION			
Discontinuities	<input checked="" type="checkbox"/>	Carb/Decarb	<input checked="" type="checkbox"/>
Grain Flow	<input checked="" type="checkbox"/>	Microstructure	<input checked="" type="checkbox"/>
Grain Size	<input checked="" type="checkbox"/>	Appearance	<input checked="" type="checkbox"/>
Thread Inspection FED-STD-H28/20 - ASME B1.3		System 21 <input type="checkbox"/>	System 22 <input checked="" type="checkbox"/>
			System 23 <input type="checkbox"/>

TEST CERTIFICATION

WE CERTIFY THAT THE PART NUMBER, LOT NUMBER, AND SAMPLES REFERENCED ABOVE HAVE BEEN TESTED IN ACCORDANCE WITH THE APPLICABLE SPECIFICATION FOR THE TESTS REPORTED HEREIN. THIS CERTIFICATION SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE APPROVAL OF MAC FASTENERS, INC.

Quality Assurance Representative

MAC FASTENERS, INC.
1110 ENTERPRISE
OTTAWA, KANSAS 66067

**CERTIFICATE OF CONFORMANCE
AND
MANUFACTURER'S AFFIDAVIT**

CUSTOMER: HERNDON PRODUCTS

PO: H00184512

PART NUMBER: MS27039-1-13

REV: 4

LOT NUMBER: 76826

MANUFACTURED QUANTITY: 120,000

MILL HEAT NUMBER: 8195830

COUNTRY OF ORIGIN: UNITED STATES OF AMERICA

DFARS 252.225.7009 Compliant

01201500278180
MS27039-1-13



MERCURY FREE CERTIFICATION

MacFasteners certifies that the parts referenced in the above lot number do not contain Mercury or Mercury compounds, and were manufactured in a Mercury free environment.

We certify that the parts furnished against the above referenced purchase order were manufactured by MAC FASTENERS within the United States, and were processed in accordance with all applicable drawings and specifications. Objective evidence of compliance is on file, subject to examination upon request.

Mac Fasteners is a DISC QSLM approved Manufacturer - CAGE Code 0RFT4
Mac Fasteners is an Airbus approved Supplier - 203399

DATE: 12/23/14


QUALITY ASSURANCE REPRESENTATIVE

01201500278180

MS27039-1-13



Products Co Heat Treat Certification

PART NUMBER	PO #	LOT/ JOB #	QTY	NET WT	MTL	HRC REQ'D	# OF SAMP	PAULO ORDER #	RESULTS	EQUIP/ CYCLE ID	*AUSTENTIZE* TEMP/ TIME	*TEMPER* EQUIP ID TEMP/ TIME
NAS1203-4	107498	73777	50,000	200	8740	36-40	8	1293974-08	37.7 - 39.9 HRC (57.4 - 59.4 HR30N)	501/183232-1	1550±25°/1hr	531 880±15°/2hr00min
NAS623-3-16	107549	76601	15,000	202	8740	36-40	8	1294249-07	36.5 - 38.7 HRC (56.3 - 58.3 HR30N)	501/183222-1	1550±25°/1hr	531 880±15°/2hr00min
NAS623-3-20	107552	75938	13,000	209	8740	36-40	8	1294249-08	36.1 - 38.5 HRC (55.9 - 58.1 HR30N)	501/183223-1	1550±25°/1hr	531 880±15°/2hr00min
MS27039-08-05	107555	75943	100,000	362	8740	26-32	8	1294249-10	28.4 - 31.8 HRC (49.0 - 52.1 HR30N)	501/183217-1	1550±25°/1hr	531 1080±15°/2hr00min
NAS623-2-10	107557	69939	15,000	122	8740	36-40	8	1294249-12	36.1 - 39.3 HRC (55.9 - 58.8 HR30N)	501/183226-1	1550±25°/1hr	531 880±15°/2hr00min
MS24694S94	107568	73227	15,000	104	8740	26-32	8	1294249-16	28 - 31 HRC	501/183218-1	1550±25°/1hr	531 1080±15°/2hr00min
NAS602-8	107583	72595	100,000	410	8740	36-40	8	1294249-17	36.4 - 38.3 HRC (56.2 - 57.9 HR30N)	501/183227-1	1550±25°/1hr	531 880±15°/2hr00min
AN4-14	107584	73302	5,000	149	8740	26-32	8	1294249-18	29 - 31 HRC	501/183219-1	1550±25°/1hr	531 1080±15°/2hr00min
NAS1801-3-5	107585	68665	100,000	431	8740	36-40	8	1294249-19	37.1 - 39.5 HRC (56.8 - 59.0 HR30N)	501/183228-1	1550±25°/1hr	531 880±15°/2hr00min
AN4-13	107520	72896	10,000	280	8740	26-32	8	1294568-04	28 - 30 HRC	501/183209-1	1550±25°/1hr	531 1080±15°/2hr00min
MS27039-1-13	107609	76826	100,000	929	8740	26-32	8	1294568-10	26.2 - 29.8 HRC (47.0 - 50.3 HR30N)	501/183210-1	1550±25°/1hr	531 1080±15°/2hr00min
MS27039-1-41	107610	75293	12,000	293	8740	26-32	8	1294568-11	29.1 - 30.9 HRC (49.6 - 51.3 HR30N)	501/183382-1	1550±25°/1hr	531 1080±15°/2hr00min
MS27039-1-13	107621	76828	50,000	420	8740	26-32	8	1294568-15	26.5 - 31.1 HRC (47.3 - 51.4 HR30N)	501/183211-1	1550±25°/1hr	531 1080±15°/2hr00min
MS27039-1-11	107622	73931	100,000	831	8740	26-32	8	1294568-16	28.6 - 31.1 HRC (49.2 - 51.4 HR30N)	501/183212-1	1550±25°/1hr	531 1080±15°/2hr00min

CERTIFICATION

WE CERTIFY THAT THE ABOVE REFERENCED PARTS WERE HEAT TREATED IN ACCORDANCE WITH AMS2759 AND CUSTOMER REQUIREMENTS. SAMPLES HAVE BEEN TESTED TO VERIFY HARDNESS AS SPECIFIED PER CUSTOMER REQUIREMENTS. PAULO PRODUCTS, INC. IS A NADCAP CERTIFIED PROCESSOR.

_mac_nadcap_cert_log

INSPECTOR

DATE

12/12/14

APPROVED BY

Results: ** denotes (Customer Accepted AS-IS - Deviation on File)



**Johnstown
Wire
Technologies**

124 Laurel Ave,
Johnstown, PA 15906

Phone: 814-532-5680
Fax: 814-532-5684

WORK ORDER
598211

TEST REPORT

LOT NUMBER
K-8195830

SALES ORDER / RLS
008212 / 3

SOLD TO

Mac Fasteners Best Way Distribution
Best Way Distribution
13209 Arrington Rd. Docks 17-20
Grandview, MO 64030
USA

01201500278180
MS27039-1-13



CUSTOMER P.O. 50516	CUSTOMER PART	QUANTITY 21,471 LBS	COILS 13	LADING NO 00127508	SHIPMENT DATE 10/20/2014
SPECIFICATION MacFast-87186 AMS2301; AMS6322; AMS-S-6049A; MIL-S-6049A 8740 DFARS Defense Federal Acquisition Regulation Supplement Silicon Killed Fine Grain Aircraft Quality/Cold Heading Quality Drawn From Annealed Rod Spheroidize Annealed In Process Heavy Phos & Light Lube Ctd Size: .1865 +.001 -.000					
CERTIFICATION REQUIREMENTS					
Chemical					
C .41	Mn .92	P .010	S .012	Si .25	Al .029
Ni .42	Cr .50	Mo .22	Cu .06	V .002	
Cb .001	Ti ???????	N .0080	Sn .003		
Physical					
AMS 2301 0000	J1 58	J10 41	J11 39	J12 37	J2 58
					J3 57
					J5 55
					J4 56
					J6 53
					J7 50
					J8 47
					J9 44
MacroClean E-381 111					
Mechanical					
TEST	UNITS	HIGH	LOW	AVERAGE	
Tensile Str	Lbs/SqIn	87000	81000	83000	
RA Per Cent	Percent	72.9	63.3	67.5	
Decarb FFD	Inches	.000	.000	.000	
Surface def. depth	Inches	.000	.000	.000	
Rod / Melt Source					
Rod Source Republic	Melt Source Republic	Country of Origin USA	Nafta Yes		
End of Certification					

I certify that the results are a true and correct copy of the records prepared and maintained by JOHNSTOWN WIRE TECHNOLOGIES in compliance with the requirements of the cited specification. Chemistry is as reported by the rod / bar supplier and is not in JWT A2LA accreditation. This test report cannot be reproduced or distributed except in full without the written permission of JOHNSTOWN WIRE TECHNOLOGIES. The test results certified herein relate only to the items tested.

Daniel J. Malik
Daniel J. Malik Director of Quality Assurance



1807 EAST 28TH ST.
PHONE: 330-438-8589

LORAIN, OH 44055
FAX: 330-438-5695

CERTIFICATE OF TESTS

REPUBLIC STEEL

4/4/2014 6:51:00

AM

PAGE 1 OF 2

PURCHASE ORD: 85989
PART NUMBER: FXT40AA-.3125
ORDER NUMBER: 1579734 - 01
HEAT: 8195830

PURCHASE ORDER DATE: 1/29/2014
ACCOUNT NUMBER: 5672-1921-01
SCHEDULE: 6681-94
REVISION: 1

===== CHARGE ADDRESS =====

JOHNSTOWN WIRE TECHNOLOGIES
124 LAUREL AVE
JOHNSTOWN, PA 15906

===== SHIP TO =====

JOHNSTOWN WIRE TECHNOLOGIES
EDWARD ZAPOLA
C/O C & BL RAILROAD
TRACK 629
JOHNSTOWN, PA 15901

----- MATERIAL DESCRIPTION -----

HOT ROLLED STEEL COILS ALLOY JOHNSTOWN WIRE SPEC RW-100 REVISION DTD 04/21/04 EXC PARA 10.3 AMS
6322N EXC HARD JOHNSTOWN WIRE SPEC PART NO. FXT40AA REVISION DTD 12/31/00 MIL S 6049A & AMD 1 COND
B-1 EXC MARK & UT WAIVED AMS 2301K JOHNSTOWN WIRE SPEC RW-005 REVISION DTD 12/31/00 EXC SURFACE
DEFECTS EP-AISI-8740-H FINE GRAIN VACUUM DEGAUSED AIRCRAFT QUALITY FIXED PRACTICE QUALITY RESTRICTED
CHEMISTRY RESTRICTED MAX INCIDENTAL ELEMENTS
SIZE: RDS .3125 DIAM X COIL
RDS 7.9375MM DIAM X COIL

----- LADLE CHEMISTRY & -----

C	MN	P	S	SI	CU	NI	CR
0.41	0.92	0.010	0.012	0.25	0.06	0.42	0.50
V	MO	SN	AL	B	CB	N	
0.002	0.22	0.003	0.029	0.0000	0.001	0.0080	

----- CALCULATED TESTS -----

REDUCTION RATIO 1,690.4 TO 1

----- SEMI - FINISHED RESULTS -----

GRAIN SIZE TEST ASTM A29/ASTM B112
PCE H10301 MCQUAID = 7.00000

JOMINY HARDNESS TEST

SAE J406/ASTM A255

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 18 20 22 24 26 28 30 32
58 58 57 56 55 53 50 47 44 41 39 37 36 35 34 34 32 32 31 30 29 30 29 29

MACRO ETCH TEST

ASTM E381/MIL STD 430

ETCHANT: HCL TEMPERATURE: 170

AVG	S	R	C
1	1	1	1

MAGNETIC PARTICLE TEST

AMS 2301 AMS2304

IND	AVG	IND	AVG
FREQ	PREQ	SEV	SEV
PCE 03	0	0	0

----- FINISHED SIZE RESULTS -----

DECARBURIZATION TEST SAE J419/ASTM E1077/JIS G0558

ETCHANT = NITAL MAGNIFICATION = 100X

SPIKE	COMPLETE	TOTAL
INCHES	INCHES	DEPTH
INCHES	INCHES	INCHES
PCE 3863	0.004	0
		0.003

G. KRUTH
DIRECTOR QUALITY ASSURANCE

BY DEBORAH STOKES

01201500278180
MS27039-1-13



1807 EAST 28TH ST.
PHOENIX: 330-438-5580LORAIN, OH 44053
FAX: 330-438-5495

CERTIFICATE OF TESTS

REPUBLIC STEEL

4/4/2014 6:51:00
AM

PAGE 2 OF 2

PURCHASE ORD: 85989
PART NUMBER: FKT40AA-.3125
ORDER NUMBER: 1579734 - 01
HEAT: 8195830PURCHASE ORDER DATE: 1/29/2014
ACCOUNT NUMBER: 5672-1921-01
SCHEDULE: 6681-94
REVISION: 1

CAPABLE OF SEAM DEPTH 1/4 MAX DIAMETER NOT LESS THAN .005 MAX

NOTES

CHEMICAL ANALYSIS CONFORMS TO APPLICABLE SPECS: ASTM E415, LBL10129, LBL10130, ASTM E1019, LBL10158, LBL10114, AND ASTM E1085, LBL10184, LBL10188.

NOTES (CONTINUED)

REPUBLIC STEEL HEREBY CERTIFIES THAT THE MATERIAL LISTED HEREIN HAS BEEN INSPECTED AND TESTED IN ACCORDANCE WITH THE METHODS PRESCRIBED IN THE GOVERNING SPECIFICATIONS AND BASED UPON THE RESULTS OF SUCH INSPECTION AND TESTING HAS BEEN APPROVED FOR CONFORMANCE TO THE SPECIFICATIONS.

CERTIFICATE OF TESTS SHALL NOT BE REPRODUCED EXCEPT IN FULL.

ALL TESTING HAS BEEN PERFORMED USING THE CURRENT REVISION OF THE TESTING SPECIFICATIONS.

RECORDING OF FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THIS DOCUMENT MAY BE PUNISHED AS A FELONY UNDER FED STATUTES TITLE 18 CHAPTER 47.

THE MATERIAL WAS NOT EXPOSED TO MERCURY OR ANY METAL ALLOY THAT IS LIQUID AT AMBIENT TEMPERATURE DURING PROCESSING OR WHILE IN OUR POSSESSION.

NO WELD OR WELD REPAIR WAS PERFORMED ON THIS MATERIAL.

THE RESULTS REPORTED RELATE ONLY TO THE ITEMS TESTED.

THE PRODUCTS SUPPLIED BY REPUBLIC STEEL DO NOT HAVE TANTALUM, TIN, TUNGSTEN, OR GOLD (COLLECTIVELY, "CONFLICT MINERALS") ADDED DURING PRODUCTION. ANY MEASURABLE AMOUNTS OF THESE ELEMENTS CONTAINED IN OUR STEEL ARE DERIVED FROM RESIDUAL MATERIALS IN THE RECYCLED SCRAP THAT WE PURCHASE FOR ELECTRIC ARC FURNACE STEEL MAKING. THEY ARE NOT NECESSARY TO THE FUNCTIONALITY OR PRODUCTION OF OUR STEEL.

SOURCE INFORMATION

MELT SOURCE: CANTON CAST ROLL MELT COUNTRY: U.S.A. HOT ROLL SOURCE: LORAIN 9/10, U.S.A.
MELT METHOD: EF BLOOM RED. RATIO: 1690.4

END OF DATA

CC

END OF DATA

WITH SHIPMENT 1 COPY PRINTED AT SHIPPING AREA

FAX SHIP TO 1 COPY ATTENTION EDWARD ZAPOLA

1-814-532-5684

FILE 1 COPY

G. KRUTH
DIRECTOR QUALITY ASSURANCE

BY DEBORAH STOKES

01201500278180
MS27039-1-13

Packing Slip Report

MAC FASTENERS

3/27/2018 10:04:50 AM

From Warehouse: MAIN

Page: 1

From:

Packing Slip: 8196

Bill To: 65

Ship To: (1)

KLX, INC
10000 NW 15TH TERRACE
MIAMI FL 33172
United States

KLX, INC
9835 nw 14TH ST
MIAMI FL 33172

Order Contact: SEAN SERVER

Pack Date	Order #	Est PO	Ship Via	Weight	Packages
3/27/2018	S000062811	006N054	Fedex Freight	0.00	32
Line/Release	Item	Lot #	UM	Qty Ordered	Qty To Pack
1	MS27039-1-10 Screw pan head Alloy LTA	90048	EA	150,000.000	165,000.000



LFC industries

A Division of RKR Technologies, LTD
manufacturer of precision aerospace fasteners

1221 Corporate Dr. W • P. O. Box 5982
Arlington, Texas 76006 (817) 640-1322

KLX Aerospace Solutions

Self Release. Date: 11/17

Signature and Stamp:

Alissa Guillen

LFC
19
ACPT

SHIPPING REPORT

57864

PRODUCTION ORDER # 578104

COUNTRY OF ORIGIN: USA

KLX AEROSPACE

9835 N.W. 14TH ST.

MIAMI, FL 33172

SHIP

SHIPPING
METHOD

Fedex FRT

PRE-PAID:

COLLECT



ORDER NO.

0066B95

PART NO.

ANT-24A

ITEM #

REVISION

1

QTY. DUE

2500

SHIP TOL.

+0/-5%

DATE DUE

11/22/2017

COMMENTS



DFAR 252-225-7009

RETURN OF ANY MERCHANDISE LISTED HEREON WILL NOT
BE ACCEPTED WITHOUT PRIOR AUTHORIZATION

CERTIFICATE OF CONFORMANCE

THE MATERIALS, PROCESSES AND PARTS FURNISHED WERE PRODUCED IN ACCORDANCE WITH APPLICABLE SPECIFICATION REQUIREMENTS, AND TEST REPORTS INDICATING CONFORMANCE ARE ON-FILE SUBJECT TO EXAMINATION. OUR Q.C. INSPECTION SYSTEM CONFORMS TO ISO 9001.

SIGNED

Alissa Guillen

ECCN: EAR99, Schedule B # 7318.15.2500

PARTIAL

COMPLETE



QTY.
SHIPPED:

2500

QTY.
CONTAINERS:

12

LBS. PER "M":

131.034

GROSS
WEIGHT:

340.22

PCS. USED TO
ESTABLISH WT.

20

TARE
WEIGHT:

12.60

NET
WEIGHT:

327.62

SHIPPING
CLERK:

BW

DATE

11-9-17

CONSIGNEE
SIGNATURE:

DATE



PAOLO ASTORI SPA

Via Mirabella, 9 - Maggiate Superiore

28013 Gattico (NO) - ITALY

Tel. (+39) 0322 838847

Fax (+39) 0322 880198

Web: www.paoloastori.com



DOCUMENTO DI TRASPORTO (D.d.T.)

N° 3184

Data 30/03/2018

Pag. 1 / 1

KLX INC.
10000 NW 15TH TERRACE
MIAMI - FL
USA

9449

Destinazione (Ship To):

KLX AEROSPACE SOLUTIONS-KLX INC.
9835 NW 14TH ST.

370

33172 MIAMI - FL US

Cod. Cliente

	Part Number - goods description	Ordine/Riga (PO #/Line #)	Order/Line # PO Date	Quantity	UM	Batch #	Weight	TR	QCIR	FAI
1	MS21075L5N(Rev. 2) - MS21075L5	0078B80/1	18/09/2017	903	N	84337	-		X	
2	MS21075L5N(Rev. 2) - MS21075L5	0078B80/1	18/09/2017	2000	N	84337	-		X	
3	MS21075L5N(Rev. 2) - MS21075L5	0078B80/1	18/09/2017	2000	N	84337	-		X	

- Notify Party: kix.usbrokerage@kushne-nagel.com SUPPLIES RELEASED IN ACCORDANCE WITH REQUIREM. OF BAE/AG/SC1 PART 3- APPROVAL # BAE/AG/30831/MAA
AND WITH AIRBUS SAS APPROVAL # 204788 Se sotto 150 lbs sped con fedex ground, account #0331-0149-0, mark: collect; se sopra 150 lbs sped con fedex economy account
#018767

Aspetto esteriore merce	Comprende DdT n° /	Segue su DdT n° 3185
Tramite spedizione VETTORE	Modalità di consegna PORTO ASSEGNATO	Firma conducente
Causale trasporto VENDITA PRODUZIONE	Data inizio trasporto	Firma destinatario
Primo vettore FEDERAL EXPRESS EUROPE INC. # 033101490	Data ritiro merce	Firma primo vettore
Secondo vettore	Data ritiro merce	Firma secondo vettore

VI SENSI DELL'ART.13 D.LGS 198 DEL 30/06/2003 IL DESTINATARIO PUO' AVERE ACCESSO AI SUOI DATI E CHIEDERNE LA MODIFICA,COME PREVISTO DALL'ART.7 DEL D.LGS.186
DEL 30/06/2003, SCRIVENDO A PAOLO ASTORI SPA, VIA MIRABELLA 9, 28013 MAGGIATE SUPERIORE - GATTICO (NO)

**PAOLO ASTORI SPA**

Via Mirabella, 9 - Maggiate Superiore
28013 Gattico (NO) - ITALY
Tel. (+39) 0322 838847
Fax (+39) 0322 880198
Web: www.paoloastori.com

CERTIFICATE OF CONFORMANCE**N° 3184****Date 30/03/2018** Pag. 1 / 1**Purchased by:**

KLX INC.
10000 NW 15TH TERRACE
MIAMI - FL
USA

Shipped to:

KLX AEROSPACE SOLUTIONS-KLX INC.
9835 NW 14TH ST.

33172 MIAMI - FL US

This is to certify that goods listed below have been manufactured and inspected in our plant and are up to your orders and to the specifications of the drawings mentioned therein.

Country of origin is ITALY.

Pos.	Part Number	Purchase Order	PO Date	Quantity	U.M.	Batch #	Cure Date Expiry Date
1	MS21075L5N(Rev. 2) MS21075L5	0078B60/1	18/09/2017	903	N	84337	
2	MS21075L5N(Rev. 2) MS21075L5	0078B60/1	18/09/2017	2000	N	84337	
3	MS21075L5N(Rev. 2) MS21075L5	0078B60/1	18/09/2017	2000	N	84337	

- Notify Party: klx.usbrokerage@at.kuehne-nagel.com SUPPLIES RELEASED IN ACCORDANCE WITH REQUIREM. OF BAE/AG/SC1 PART 3- APPROVAL # BAE/AG/30631/MAA AND WITH AIRBUS SAS APPROVAL # 204788 Se sotto 150 lbs sped con fedex ground, account #0331-0149-0,mark:collect;se sopra 150 lbs sped con fedex economy,account #018757

Airbus approval 204788 - BAE Approval BAE/AG/30631/MAA - Complies with all applicable DFARS.
AgustaWestland QRS01 approval A/Q047, in accordance to LTS3071 and AWTL00MM027 LHD - EFA Program QPL J06.002 - RR Sabre Supplier code 237711
Products free from mercury, radium, alpha and gamma source contamination

All claims regarding the parts in subject must be reported to seller promptly. Credit or replacement of parts may be limited to those parts for which traceability has been maintained by the buyer. The seller manufacturing lot identification number and return authorization (RMA) must accompany all returns. Any discrepancy claimed by the Customer must be made in writing to seller not later than ninety (90) days after the shipping date. The liability of seller on parts found to be defective is limited to replacement or rework of such goods, at seller option, and in no case is to exceed the invoice value of such goods. Under no circumstance will seller be liable for damages or cost incurred by buyer or subsequent user beyond the invoiced value of the parts in subject.